IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A damping material ~~composed of~~ comprising:

a single constituent, having a loss factor tanδ of at least 0.25 and having two glass transition temperatures, at least one of which is substantially close to the use temperature of the material.

Claim 2 (Currently Amended): The damping material as claimed in claim 1, ~~characterized in that it~~ which has a rigidity E' not exceeding 2000 MPa for a frequency between 50 and 500 Hz~~, preferably less than 1000 MPa,~~ at a temperature between -60°C and -10°C.

Claim 3 (Currently Amended): The damping material as claimed in claim 1 ~~or 2~~, ~~characterized in that it~~ which has a glass transition temperature between -60°C and -10°C and a glass transition temperature between -10°C and +40°C.

Claim 4 (Currently Amended): The damping material as claimed in claim 1, which has ~~any one of claims 1 to 3, characterized in that it has,~~ at a temperature of between +30°C and +100°C, a rigidity E' of between 1 and 200 MPa.

Claim 5 (Currently Amended): The damping material as claimed in ~~one of the preceding claims, characterized in that it comprises~~ claim 1, comprising:

a) at least one component ~~chosen from~~ of:

- one-component or two-component polyurethanes based on polyether polyols of the polypropylene glycol, polyethylene oxide (PEO) or

polyTHF type or based on polybutadiene polyol, or else based on polycaprolactonepolyol,

- polyurethanes with methoxysilane or ethoxysilane end groups, and
- silane-modified polyether polyols of the polypropylene oxide type; and

b) at least one component ~~chosen from~~ of: plasticized PVC, amorphous polyester polyol, polyester polyol with methoxysilane end group, ~~or~~ polyester polyol with ethoxysilane end group~~groups~~, one-component polyurethane prepolymer, and two-component polyurethane.

Claim 6 (Currently Amended): The damping material as claimed in claim 5, ~~characterized in that it~~ which comprises a blend of at least two prepolymers, each based on polyether polyol and/or polyester polyol, and with isocyanate end groups or methoxysilane or ethoxysilane end groups.

Claim 7 (Currently Amended): The damping material as claimed in claim 6, ~~characterized in that it~~ which comprises the following blend, the NCO percentage being between 0.5 and 2%:

- at least one polyether polyol of functionality equal to two, having an OH number iOH of between 25 and 35, a glass transition temperature Tg below -50°C, and a molecular weight between 3500 and 4500;
- at least one polyether polyol of functionality between 2.3 and 4, having an OH number iOH of between 25 and 800 and a glass transition temperature Tg below -50°C;

- at least one polyester polyol of functionality equal to two, having an OH number iOH of between 20 and 40, and a glass transition temperature Tg of between -40 and -20°C;
- at least one polyester polyol of functionality equal to two, having an OH number iOH of between 30 and 90, a glass transition temperature Tg of between 0 and 30°C and a softening point of between 50 and 70°C;
- at least one isocyanate of functionality between 2.1 and 2.7, of the diphenylmethane diisocyanate (MDI) type, and with an NCO percentage of between 11 and 33%; and
- at least one catalyst~~;~~.

~~optionally, a filler of the molecular sieve type; and~~

~~optionally, a filler of the chalk, kaolin, talc, alumina, carbon black or graphite type.~~

Claim 8 (Currently Amended): The damping material as claimed in claim 7, ~~characterized in that it~~ which comprises, the % NCO being between 1.8 and 2.2%:

- between 180 and 220 g of a polyether polyol of functionality equal to two, having an OH number iOH of between 25 and 35, a glass transition temperature Tg below -50°C, and a molecular weight of between 3500 and 4500;
- between 75 and 115 g of an MDI-type isocyanate, with a % NCO equal to 11.9%;
- between 5 and 30 g of carbon black;
- between 0.5 and 3 g of catalyst;
- between 10 and 30 g of pyrogenic silica;

- between 135 and 180 g of a liquid and amorphous polyester polyol A, having an OH number iOH between 27 and 34, a molecular weight equal to 3500, a functionality equal to two and a glass transition temperature T_g of -30°C;
- between 35 and 85 g of a liquid and amorphous polyester polyol B, having an OH number iOH of between 27 and 34, a molecular weight equal to 3500, a functionality equal to two and a glass transition temperature Tg equal respectively to +20°C;
- between 55 and 110 g of an MDI-type isocyanate, with a % NCO equal to 11.9%; and
- between 20 and 80 g of a molecular sieve.

Claim 9 (Currently Amended): The damping material as claimed in claim 7, ~~characterized in that it~~ which comprises, the % NCO being between 1.5 and 1.8%:

- between 70 and 130 g of a polyether polyol of functionality equal to two, having an OH number iOH of between 25 and 35, a glass transition temperature Tg below -50°C, and a molecular weight between 3500 and 4500;
- between 70 and 130 g of a polyether polyol of functionality between 2.3 and 4, having an OH number iOH of between 25 and 800 and a glass transition temperature Tg below -50°C,
- between 80 and 110 g of an MDI-type isocyanate, with a % NCO equal to 11.9%;
- between 5 and 30 g of carbon black;
- between 0.5 and 3 g of catalyst;
- between 10 and 30 g of pyrogenic silica;

- between 250 and 350 g of a copolyester polyol having an OH number iOH of between 27 and 34, a molecular weight equal to 3500, a maximum acid number equal to two, a functionality equal to two and a Tg equal to -30°C;
- between 100 and 140 g of an MDI-type isocyanate, with a % NCO equal to 11.9%; and
- between 20 and 60 g of molecular sieve.

Claim 10 (Currently Amended): The damping material as claimed in ~~any one of the preceding claims, characterized in that it~~ claim 1, which is used as at least one constituent material of a strip.

Claim 11 (Currently Amended): The damping material as claimed in ~~any one of the preceding claims, characterized in that~~ claim 1, wherein the strip has an equivalent linear stiffness K'_{eq} at least equal to 25 MPa and an equivalent loss factor $\tan\delta_{eq}$ at least equal to 0.25 at the use temperature.

Claim 12 (Currently Amended): The damping material as claimed in ~~any one of claims 1 to 10, characterized in that it~~ claim 1, which is in the form of a layer possessing permanent bondability by chemical modification of the material carried out by a reaction between the terminal isocyanates of the prepolymers and the monols, its two opposed faces intended for bonding being coated with protective films.

Claim 13 (Currently Amended): The damping material as claimed in ~~any one of the preceding claims, characterized in that it~~ claim 1, which is intended to be joined to at least

one element using an extrusion, encapsulation, transfer molding or injection molding technique.

Claim 14 (Currently Amended): The damping material as claimed in ~~any one of the preceding claims, characterized in that it~~ claim 1, which is intended to be inserted between two elements (1, 2) of the glass-metal, metal-metal, glass-glass, metal-plastic, glass-plastic, or plastic-plastic type.

Claim 15 (Currently Amended): The damping material as claimed in claim 14, ~~characterized in that it~~ which is used also as a material for bonding to at least one of the elements.

Claim 16 (Currently Amended): The damping material as claimed in claim 13, ~~characterized in that it~~ which is inserted between a glass substrate and a metal element so as to be used to fasten the substrate to the metal element.

Claim 17 (Currently Amended): The damping material as claimed in claim 14, ~~characterized in that it~~ which is used to fasten a window to the body of a motor vehicle.

Claim 18 (Currently Amended): The damping material as claimed in claim 13, ~~characterized in that~~ wherein an additional fastening material bonds the damping material to the element to which it is intended to be joined.

Claim 19 (Currently Amended): The damping material as claimed in claim 18, ~~characterized in that~~ wherein the additional fastening material is a damping material as claimed in ~~any one of claims 1 to 12~~ claim 1.

Claim 20 (New): The damping material as claimed in claim 6 further comprising: a filler of the molecular sieve type and/or a filler of the chalk, kaolin, talc, alumina, carbon black, or graphite type.